XP-002286745

AN - 2001-285372 [30]
AP - JP19990188615 19990702
CPY - FUMK
DC - B05 D21 E19 P34
DR - 0095-U 0245-U 1017-U 1036-U 1614-U
FS - CPI;GMPI
IC - A01N31/02 ; A61L2/18
MC - B04-A10 B04-L05B B04-N02 B04-N04 B06-D02 B07-D04A B10-A17 B10-A22
B10-E02 B10-E04A B10-E04D B12-M07 B14-A01 B14-A04 B14-N06A D08-A
D08-A05 E06-D02 E07-D04A E10-A17B E10-A22A E10-E02E1 E10-E02F1
E10-E04L2 E10-E04M1
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RA00GT-M
   - [09] M423 M431 M782 M905 P220 P241 P912 R023; RA00H1-K RA00H1-T
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   - [10] M423 M431 M782 M905 P220 P241 P912 R023; RA0OIA-K RA0OIA-T
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RA2WV5-M
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R03361-K R03361-T R03361-M; 1017-U
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M905 M910 P220 P241 P912 R023; R00245-K R00245-T R00245-M; 0245-U
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R04126-K R04126-T R04126-M R07367-K R07367-T R07367-M
PA - (FUMK) FUMAKILA KK
PN - JP2001010904 A 20010116 DW200130 A01N31/02 005pp
PR - JP19990188615 19990702
XA - C2001-087264
XIC - A01N-031/02 ; A61L-002/18
XP - N2001-203615
AB - JP2001010904 NOVELTY - A disinfectant contains 30-100% of ethyl
alcohol mixed with anti-microbial agent(s).
- ACTIVITY - Antibacterial. (In weight %) A stock solution of a
disinfectant was prepared by dissolving ethanol (30), pyridine cetyl
chloride (0.004) and grapefruit seed extract (0.001) along with traces
of a flavoring agent, in water (to 100). The obtained liquid was
contacted with a microbial solution containing Streptococcus aureus,
Escherichia coli and Streptococcus mutans. The result confirmed
transition of the number of the microbes in 30 seconds.
- MECHANISM OF ACTION - None given.
- USE - For disinfecting oral cavity tools such as toothbrush (claimed)
and other sanitary fixtures for oral cavity such as dental floss, and
interdentium brush, etc. To prevent dental caries.
- ADVANTAGE - The disinfectant effectively inhibits propagation of fungi
and bacteria such as Streptococcus aureus, Escherichia coli and
Streptococcus mutans in the oral cavity tools. The alcohol which is
the principal component of the disinfectant having high permeability,
prevents the origin of locks of hair on the brush and eliminates
microbes, but does not cause skin irritation. The disinfectant dries
easily, can be effectively sterilized and diluted with water and/or
alcohol. The flavoring agent with the antimicrobial agent enhances the

antimicrobial activity. The disinfectant can be directly sprayed into
the oral cavity to prevent dental caries. The disinfectant is highly
safe (even if accidentally swallowed).

- (Dwg.0/1)

CN - R01614-K R01614-T R01614-M R00095-K R00095-T R00095-M R07438-K
R07438-T R07438-M R00245-K R00245-T R00245-M R11214-K R11214-T
R11214-M RA118Y-K RA118Y-T RA118Y-M R04654-K R04654-T R04654-M
R03361-K R03361-T R03361-M R04126-K R04126-T R04126-M R07367-K
R07367-T R07367-M RA00GT-K RA00GT-T RA00GT-M RA00H1-K RA00H1-T
RA00H1-M RA0OIA-K RA0OIA-T RA0OIA-M RA030X-K RA030X-T RA030X-M
RA0E6S-K RA0E6S-T RA0E6S-M RA25DU-K RA25DU-T RA25DU-M RA02ZP-K
RA02ZP-T RA02ZP-M RA2WV5-K RA2WV5-T RA2WV5-M

DRL - 1614-U 0095-U 0245-U 1036-U 1017-U

IW - DISINFECT ORAL CAVITY TOOL TOOTH BRUSH CONTAIN PRESET AMOUNT ETHYL
ALCOHOL MIX ANTI MICROBE AGENT

IKW - DISINFECT ORAL CAVITY TOOL TOOTH BRUSH CONTAIN PRESET AMOUNT ETHYL
ALCOHOL MIX ANTI MICROBE AGENT

NC - 001

OPD - 1999-07-02

ORD - 2001-01-16

PAW - (FUMK) FUMAKILA KK

TI - Disinfectant for oral cavity tools such as tooth brush, contains
preset amount of ethyl alcohol mixed with anti-microbial agent(s)

DISINFECTANT FOR ORAL CARE GOOD

Patent Number: JP2001010904
Publication date: 2001-01-16
Inventor(s):   MATSUMORI MICHIHIKO; KAMIMURA TOSHIMI; TAKAHASHI NAOSHI
Applicant(s):   FUMAKILLA LTD
Requested Patent: JP2001010904
Application Number: JP19990188615 19990702
Priority Number(s):
IPC Classification: A01N31/02; A61L2/18
EC Classification:
Equivalents:

Abstract

PROBLEM TO BE SOLVED: To obtain a disinfectant removing bacteria and suppressing mold generation and bacteria propagation in any handling of oral care goods e.g. toothbrush or even under any unsanitariness.
SOLUTION: This disinfectant for oral sanitary goods comprises 30-100 wt.% ethanol solution containing at least a disinfectant e.g. cetylpyridinium chloride.

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